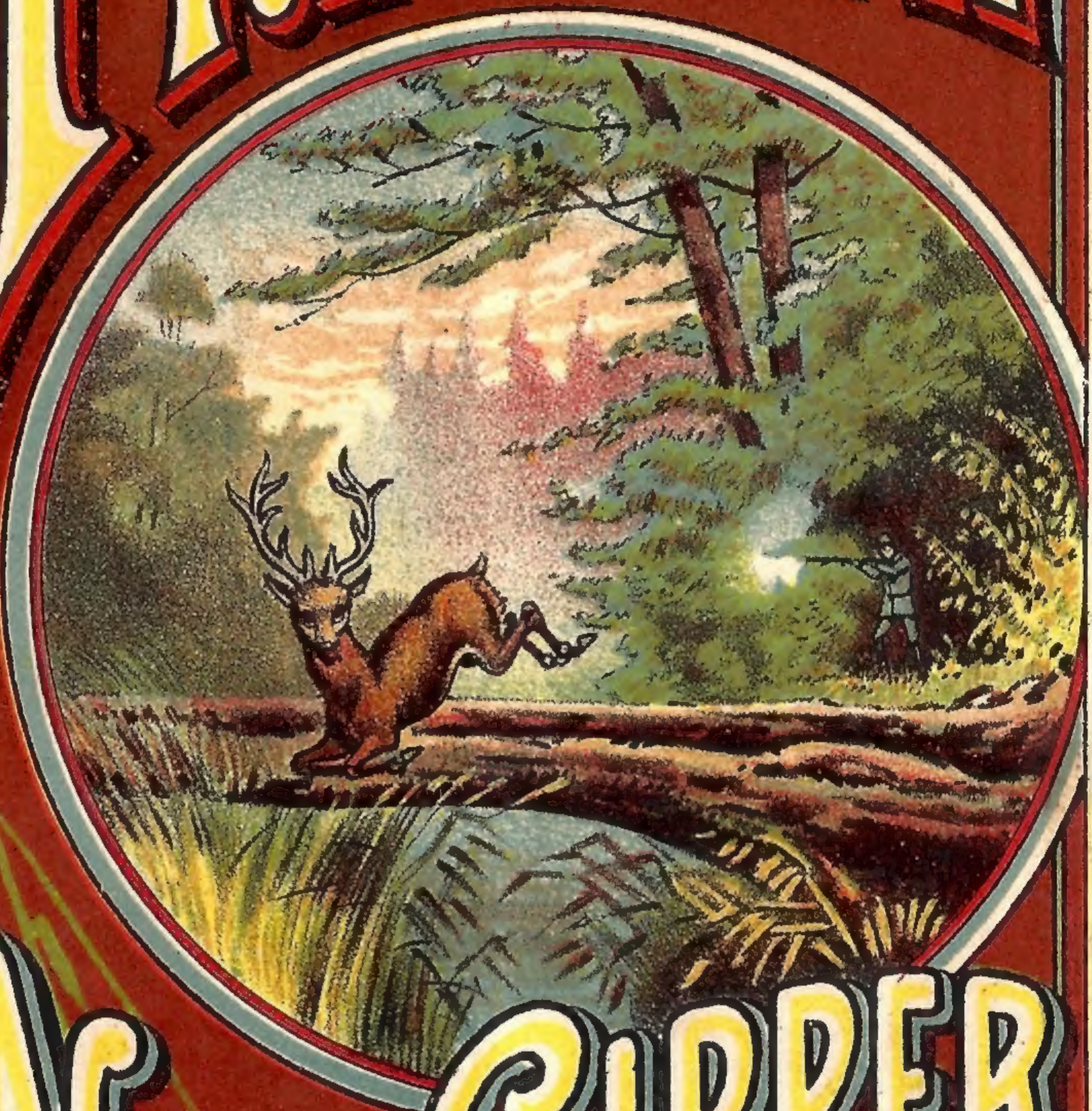


# TRIUMPH



# NEW CLIPPER

D.S. MORGAN & CO.  
MANUFACTURERS  
Brockport, N.Y. & Chicago, Ill.  
U.S.A.



## THE NEW CLIPPER No. 4.

The continued popularity of this machine and the rapid strides it is making in public estimation are due to the fact that its plan of construction, and the mechanical skill employed in its manufacture, are unsurpassed in excellence.

*The Main Frame* is a substantial piece of casting, in which the holes for the shafting are bored by a machine made solely, at large expense, for this purpose, and by means of which the gearing is set with mathematical accuracy; hence, the ease of draft and durability for which the New Clipper is so justly celebrated. The boxes for the crank-shaft are brass bushings accurately turned and fitted into the holes made for them in the main frame, and though for the place designed, brass of the quality which we use is the very best of all known material, yet should a box happen to wear out, a new one can with very little trouble, and no mechanical skill, be inserted in place of the old, and the gearing fit as well as when the machine left the shop. By no other plan can so perfect a fit be made. The farmer himself can replace the worn box without calling on a mechanic or machinist, and with the certainty of the new parts fitting perfectly.

*The New Clipper* makes about as little noise as a first-class sewing machine. This is owing first to the perfection of its gearing; second, that the gearing is almost entirely enclosed; and third, to the fact that all parts of the machine are made with the greatest care and fitted together with the greatest accuracy.

*The New Clipper* has a very complete and simple arrangement for tilting—a feature absent in many otherwise good machines, but which is a very important one, especially as the excellence of the machine in other points is not in the least lessened by it. In cutting lodged clover it is impossible to do a satisfactory piece of work without a good tilting apparatus.

*The Shafting and Finger-Bar* of the New Clipper are made of cold-rolled steel, than which no better material is known.

*The apparatus for raising the Finger-Bar* is so constructed that the outer or divider-end rises first, and in most cases to avoid stones or other obstructions this end only need be raised.

The advantage of this arrangement is that it requires very little exertion to raise the outer end, while to raise the whole finger-bar requires a heavy lift, and hence it is sometimes neglected, much to the danger of breakage or injury to the machine. If, however, it be desired to raise the bar on a level, it is only necessary to make a slight alteration, which can be done almost instantaneously.



## THE NEW CLIPPER, JR., No. 6.

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*This is a One-Horse Mower* cutting a swath  $3\frac{1}{2}$  feet in width, designed for small farmers, for rough and stony land, and for parks and lawns, orchards, etc.

It is almost a copy on a smaller scale of the No. 4 or two-horse Clipper. No mower could give better satisfaction than this has done in the places for which it was designed. The draft for one horse is very light, its work is all that could be desired, and for beauty of design, and elegance of finish it is without an equal.

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## THE TRIUMPH BINDER No. 7.

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The weight of the "Triumph" Elevating Binder is reduced to the lowest point consistent with strength and durability, and we guarantee it to work equal to any self-binder made, and with as little horse-power to the width of cut.

*The Balance of the machine* is so adjusted, as not to injure the necks of the horses.

*There is NO Side-Draft.*

*The Reel is under perfect control* of the driver while in his seat. It can be raised or lowered; moved forward or back; in fact, placed in just that position as will secure the best results in whatever description of grain it may be working. And all by one lever, which is in convenient reach of the driver, and easily operated by him.

It is run on a simple and substantial plan, and not like some machines, by movable bevel gears, which are so liable to break and get out of order.

*The Binder is adjusted by the driver in his seat*, so as to suit the grain being cut, and this, with the butter, combined with the apparatus for raising and lowering the



platform and the reel, and the excellent tilting apparatus secures the best bundles possible in all kinds and conditions of grain.

*One of the most important features* of our Self-Binder is that the main box is a tube or bushing nicely fitted into the bracket which forms part of the gear-frame; and should this be worn out, it can be replaced without difficulty by an inexperienced hand. The new bushing makes as perfect a box as the old one was when new, and there is hardly a possibility of getting it wrong. It is turned on the outside to just fit the hole in the gear-bracket, and bored to fit the shaft. There is nothing to adjust, and any careful man can make the change. In the same way, the box of the long shaft nearest the bevel-wheel is made so as to be replaced by a new bushing. This plan not only saves the expense of buying an entire bracket with all the boxes, but also the danger of a new bracket not fitting well.

*The Platform and the Frame-Work* of the Elevator and Binder are well braced, so as not to "get out of square," thus causing trouble in the running of the canvas. The elevators are so constructed, as to prevent the liability of choking in the heaviest and most tangled grain.

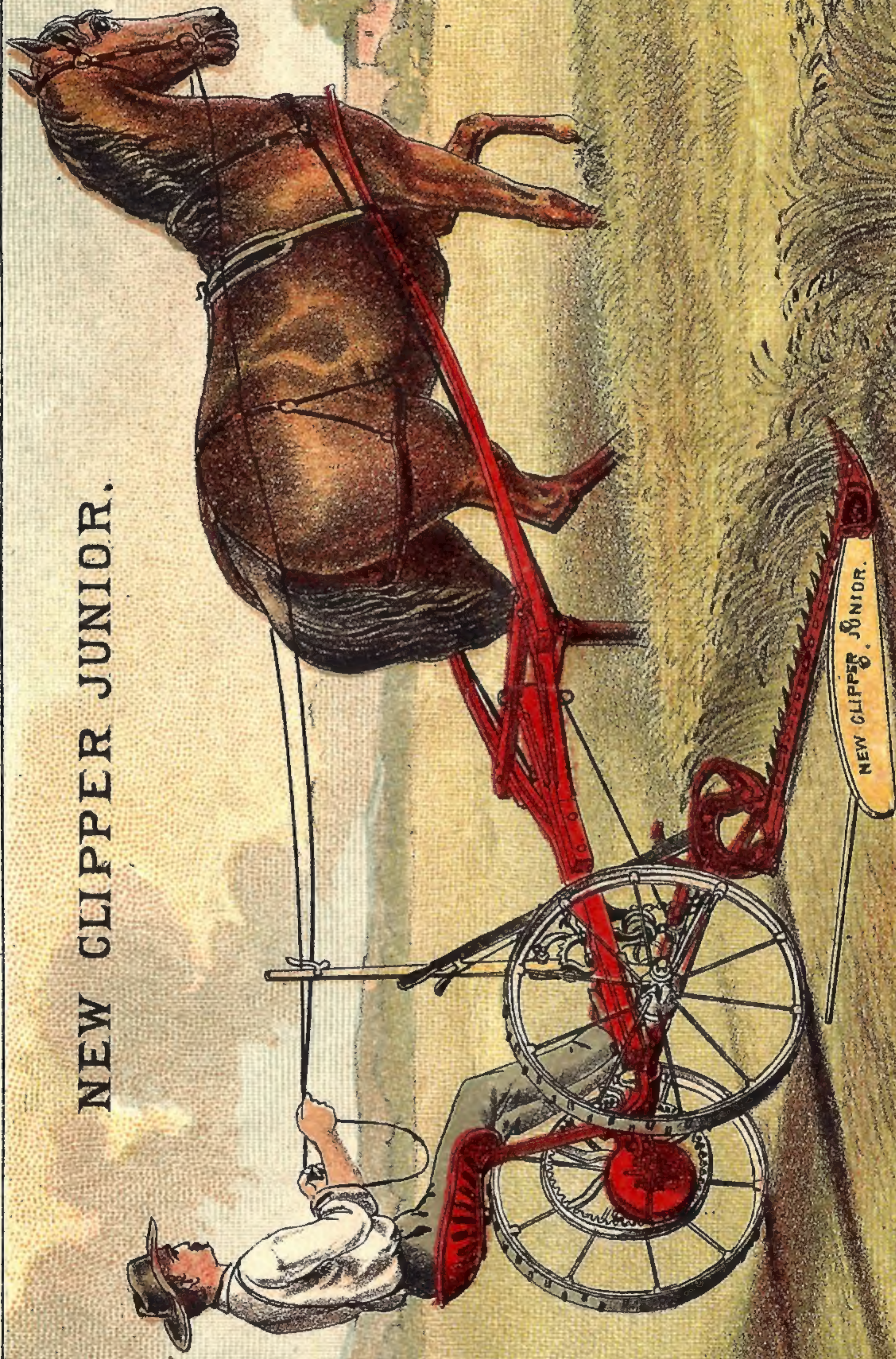
Much trouble has been caused the farmer and the agent by the displacement of the main bracket or frame by the "lift" on the main pinion, in all the leading binders heretofore used. We avoid all this *by trussing* the upper sill or timber to which this bracket is attached so that it can always be kept in its proper place.

On the main pinion comes all the labor of cutting, reeling, conveying the grain and binding. When it gets out of place the whole machine works badly, draws hard, and will soon wear out. Compare our machine with others in this particular.

*The TRIUMPH BINDER is absolutely superior to all others for quality of work in the field, and for convenience, lightness of draft, excellence of workmanship, and durability it is unequaled.*



NEW CLIPPER JUNIOR.





TRIUMPH BINDER No. 7.

